Work Order ID 71852

Quality Control



Page 1

Wednesday, July 13, 2011 10:22:30 AM Item ID: D3403-3 Accept Setup Start **Revision ID:** Item Name: Bushing Ston Start Date: 7/14/2011 **Start Oty: 40.00 Cust Item ID:** Required Date: 7/28/2011 Req'd Otv: 40.00 **Customer:** Reference: Run Start Process Plan: MG Date: //-07-/3 Tooling: Approvals: Date: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan -Accept Reject Reject Insp. Work Center ID Description Run Hours Code Oty Otv Number Stamp Draw Nbr **Revision Nbr** D3403 \mathbf{C} 100 0.00 Hardinge CNC LATHE SMALL Hardinge 0.00 Memo Hardinge CNC Lathe Small 1- Turn as per Folio FA558 & Dwg D3403 Folio Rev: J. Dwg Rev: 11815 2-Deburr 110 QC2- Inspect parts off machine FAI/FAIB 0.00 QC 0.00 Memo Quality Control 120 QC8- Inspect parts - second check 0.00

0.00

Memo

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| W/O: | | | WO | RK ORDER CHANGE | S | | | | | |
| DATE | STEP | PRO | OCEDURE CHAI | NGE | В | у | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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| Part No | : | PAR #: | Fault Cate | jory: | NCR: | Yes N | lo DQ | A: | _ Date: _ | |
| Resolution:WO | | | Disposition |): | QA: N | C Clo | sed: | | Date: _ | |
| NCR: | | , | WORK ORDE | R NON-CONFORMA | NCE (I | VCR) | | | | |
| DATE | STEP | Description of NC | Corrective Action Section | | | | | ation | Approval | Approval |
| DATE | SIEP | Section A | Initial Action Descripti Chief Eng Chief Eng | | | ign & Date | Secti | | Chief Eng | QC inspector |
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Work Order ID 71852

Wednesday, July 13, 2011 10:22:30 AM



Page 2

Item ID:

D3403-3

Accept

Setup Start

Stop

Revision ID:

Item Name: Start Date:

Required Date: 7/28/2011

Bushing

7/14/2011

OC:

Start Oty: 40.00

Rea'd Otv: 40.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Operation

Description

Date: Date:

Tooling:

SPC (Y/N):

Set Up/

Run Hours

Date:

Date:

Run Start

Stop

Sequence ID/ Work Center ID

130

Packaging Packaging

Memo

Identify as per dwg & Stock Location 52

0.00

0.00

Tool ID

Tool # Plan Code

Accept Oty

Reject Reject

Insp. Number Stamp

140

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

K11/08/10 1/108-10 1/108

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| W/O: | | | WC | RK ORDER CHANG | GES | | | | | |
| DATE | STEP | PRO | OCEDURE CHAI | NGE | | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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| Part No | | PAR #: | Fault Cate | Jory: | NCE | P: Vas N | lo DO | ۸. | Date | |
| T dig 110 | | esolution: | | | | | | | | |
| NCR: | | | WORK ORDE | ER NON-CONFORM | ANCE | (NCR) | | | | |
| DATE | STEP | Description of NC Section A | Initial Action Description | | ction B | Sign & | | cation ion C | Approval Chief Eng | Approval QC inspector |
| | | | Chief Eng | Chief Eng | | Date | | | | |
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Picklist Print

Wednesday, July 13, 2011 10:22:27 AM

Work Order ID: 71852

Parent Item:

D3403-3

Parent Item Name:

Bushing



Start Date: 7/14/2011

Required Date: 7/28/2011

Page 1

Start Qty: 40.00

Required Qty: 40.00

Comments:

IPP Rev:A□05.08.31□New issue□KJ/JLM

| IPP Rev:B 06-03-07 As per Rev B JI | | IPP Rev:B | 06-03-07 | As per Rev B | -JLN |
|------------------------------------|--|-----------|----------|--------------|------|
|------------------------------------|--|-----------|----------|--------------|------|

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Primary Item Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|------------------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| M303R0.750 | | Purchased | No · | | 100 | f | 75.4700 | 0.206 | 8.673684 | 4/8 | 19 | |
| 303 Round Bar 0.750 | | | | | | | | | \sim 3 | 0() 0 | | |

 Location
 Loc Oty
 Loc Code

 MAT028
 75.47

 117328
 36.97

 117798
 38.5

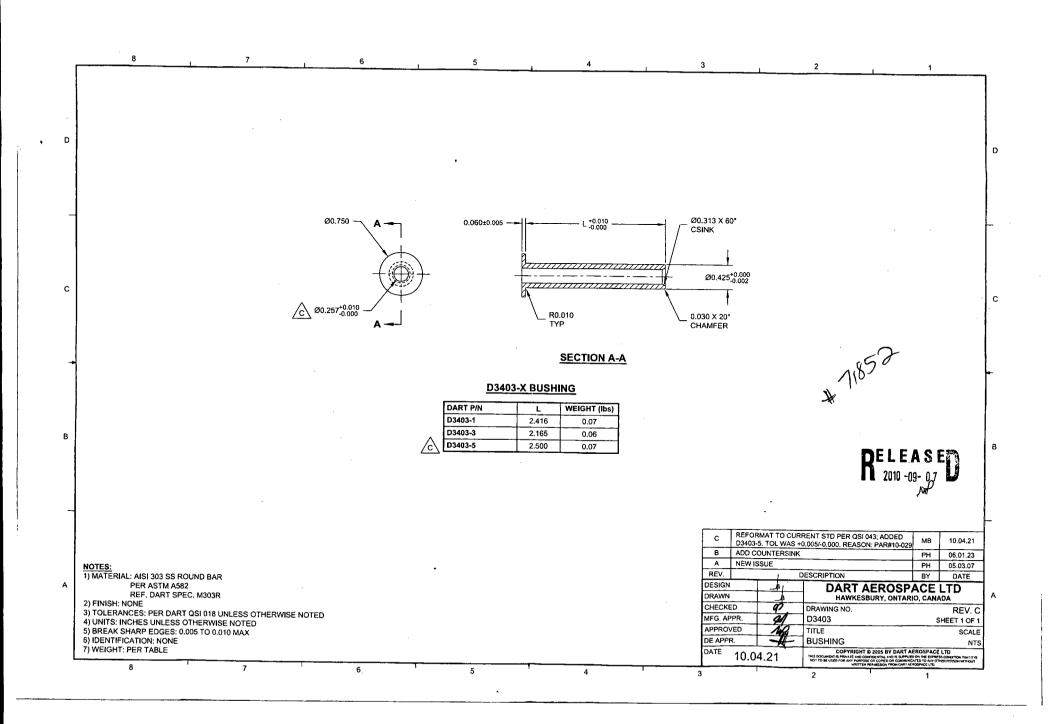
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| W/O: | | | WC | ORK ORDER CHAN | GES | | | | | |
| DATE | STEP | PR | OCEDURE CHA | NGE | | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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| Part No | : | PAR #: | Fault Cate | gory: | NCR: | : Yes N | lo DQ | A: | Date: _ | |
| | Res | solution: | Dispositio | n: | QA: I | WC Clos | sed: | | Date: _ | |
| NCR: | | | WORK ORD | ER NON-CONFORM | IANCE | (NCR) | | | | |
| DATE | STEP | Description of NC Section A | Corrective Action Secondarial Action Description | | Section B iption Sign & Date | | Verification Section C | | Approval Chief Eng | Approval QC Inspector |
| | | Jection A | Chief Eng Chief Eng | | | | | | | QC Inspector |
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| W/O: | | | W | ORK ORDER CHANG | ES | | : | | |
| DATE | STEP | PRO | OCEDURE CHA | ANGE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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| Part No | : | PAR #: | Fault Cate | egory: | _ NCR: Yes | No DQ | A: | Date: _ | |
| | Resolution: | | Disposition | on: | _ QA: N/C C | losed: | | Date: _ | |
| NCR: | | | WORK ORD | ER NON-CONFORMA | NCE (NCI | (F) | | | |
| DATE | STEP | Description of NC | 1 | on B | D | cation | | Approval | |
| | | Section A | Initial Action Descri Chief Eng Chief Eng | | Sign of Date | | ion C | Chief Eng | QC Inspector |
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| DART AEROSPACE LTD | Work Order: | 71852 |
|------------------------------|--------------|-------------|
| Description: Bushing | Part Number: | D3403-3 |
| Inspection Dwg: D3403 Rev: C | | Page 1 of 1 |

FIRST ARTICLE INSPECTION CHECKLIST

| Drawing Dimension | Tolerance | Actual Dimension | Accept | Reject | Method of Inspection | Comments |
|----------------------|--------------------|------------------|--------|--------|-------------------------|----------|
| 2.165 | +0.010/-0.000 | 2,110 | | | 21-9 | |
| 0.060 | +/-0.005 | -060 | | | · | · |
| Ø0.257 | +0.010/-0.000 | .258 | | | | |
| Ø0.750 | +/-0.010 | .750 | | | | |
| Ø0.425 | +0.000/-0.002 | .424 | | | | ŧ |
| Ø0.313 x 60° | +/-0.010 x +/-0.5° | .J15X68 | | | | |
| R0.010 | +/-0.010 | R.OB | | | | |
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| Measured by: | 77 | Audited by: (22 | Preliminary Approval: |
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| Date: | 1881 | Date: 11. 8.9 | Date: |

| Rev | Date | Change | Revised by | Approved |
|-----|----------|----------------------------------|------------|----------|
| Α | 06.04.12 | New Issue | KJ/JLM | |
| В | 08.02.28 | Dimensions updated | KJ/DD .A | 1/ |
| С | 11.03.08 | Dimensions updated per Dwg Rev C | KJ 🐼 | Å |
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| W/O: | | | WC | RK ORDER CHANG | SES . | | | | |
| DATE | STEP | PRO | OCEDURE CHAI | NGE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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| Part No | : | PAR #: | Fault Cate | gory: | _ NCR: Yes | No DQ | A: | Date: _ | |
| | R | WORK ORDER NON-CONFORMANCE (NCR) | | | | | Date: _ | | |
| NCR: | š | | WORK ORD | ER NON-CONFORM | ANCE (NC | R) | | | |
| DATE | STEP | Description of NC Corrective Action | | | verific | | | cation Approval | Approval |
| | 012 | Section A | Initial Chief Eng | Action Description Chief Eng | Sign Date | | on C | Chief Eng | QC Inspector |
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